

ABSTRACT

Disclosed is a method and system for controlling congestion control in a packet data communication network in which a plurality of data is transmitted from a source node to a destination node. Depending on the congestion state in the network, the sender rate at which the source node is transmitting the data is adjusted based on the congestion feedback information and the bandwidth capacity of the network. The adjustment of the sender rate is performed according to predetermined criteria to establish a maximum data transmission rate and maximum fairness for the source.